

SAFETY DATA SHEET

Section I: Product and Supplier Identification

Product name: NOHMs "N2-FCA2"

Identified use: Laboratory and R&D use

Manufacturer: NOHMs Technologies

1200 Ridgeway Ave. Suite 110

Rochester, NY 14615

Emergency Tel: 1-585-645-0041

Transportation Emergencies: INFOTRAC 24-hour

1-800-535-5053 (U.S.A.)

1-352-323-3500 (International)

Section II: Hazards Identification

GHS Classification (United States)

Skin corrosion (Category 1B), H314

Serious eye damage (Category 1), H318

Pictogram(s)



Signal word Danger

Hazard statement(s)

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

Precautionary statement(s)

P260 Do not breathe dusts or mists.

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing.
Rinse skin with water/ shower.

P304 + P340 + P310 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.

P363 Wash contaminated clothing before reuse.

P405 Store locked up.

P501 Dispose of contents/ container to an approved waste disposal plant.

Section III: Composition

Name	% (w/w)
Phosphorus compound	>99.9

The ingredient name and/or exact percentage is being withheld as a trade secret.

Section IV: First Aid Measures

General Information: Immediately remove any clothing contaminated by the product. Move out of dangerous area. Consult a physician and show this safety data sheet.

Inhalation: If inhaled, remove to fresh air away from exposure. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

Skin exposure: In case of skin contact, immediately wash skin with soap and copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes.

Eye exposure: In case of eye contact, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Get medical attention.

Ingestion: If swallowed, wash out mouth with water provided person is conscious. Get medical attention.

Most important symptoms and effects, both acute and delayed: No further information available. Please see sections 2 and 11.

Indication of any immediate medical attention and special treatment needed: No further information available.

Section V: Firefighting Measures

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical, carbon dioxide, water spray or alcohol-resistant foam.

Specific hazards arising from the chemical: Carbon oxides, Nitrogen oxides, oxides of phosphorus.
WARNING: Highly toxic HF gas is produced during combustion.

Protective Equipment and Precautions for Firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section VI: Accidental Release Measure

Personal precautions, protective equipment, and emergency procedures: Avoid contact with the skin and the eyes. Use personal protective equipment.

Environmental precautions: Do not let product enter drains, other waterways, or soil.

Methods and materials for containment and cleaning up: Prevent further leak or spill if safe to do so. Vacuum, sweep up, or absorb with inert material and place into a suitable disposal container. Consult local regulations for disposal. See section 13 for further disposal information.

Section VII: Handling and Storage

Precautions for safe handling: Avoid contact with skin, eyes, and clothing. Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety practice. Wash hands after handling and before eating, drinking, or smoking. Use with local exhaust ventilation.

Conditions for safe storage, including any incompatibilities: Keep container tightly closed in a dry and well-ventilated place. Air, light, and moisture sensitive.

Section VIII: Exposure Controls and Personal Protection

Exposure limits: No acute toxicity information is available for this product. Possibly irritating to eyes, respiratory system, and skin.

Appropriate engineering controls: Avoid contact with skin, eyes, and clothing. Wash hands before breaks and immediately after handling the product. Facilities storing or utilizing this material should be equipped with an eyewash fountain. Use adequate general and local exhaust ventilation to keep airborne concentrations low.

Personal protection:

Eye/Face protection: Wear safety glasses or goggles where eye contact is possible. Face shield giving full protection to the face when handling liquid material.

Hands: Protective gloves.

Skin and body: Wear protective gloves/clothing.

Respiratory: In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

Section IX: Physical and Chemical Properties

Appearance: Colorless liquid

Odor: no odor

Molecular weight: N/A

pH: N/A

Melting point: N/A

Boiling point: N/A

Flash point: N/A

Flammability: N/A

Explosive properties: N/A

Oxidizing properties: N/A

Vapor pressure: N/A

Density: N/A

Solubility: Insoluble in water.

Partition coefficient: N/A

Decomposition temperature: N/A

Viscosity: N/A

Vapor density: N/A

Evaporation rate: N/A

Molecular formula: N/A

Section X: Stability and Reactivity

Reactivity: Not available.

Chemical stability: Stable under recommended temperatures and pressures.

Possibility of hazardous reactions: Not available.

Conditions to avoid: Strong heating.

Incompatible materials: Strong acids, Strong bases, Heavy metals, Strong oxidizing agents.

Hazardous decomposition products: Carbon oxides, Nitrogen oxides, oxides of phosphorus. **WARNING:** Highly toxic HF gas is produced during combustion.

Section XI: Toxicological Information

Acute toxicity: No data available.

Skin irritation: No data available.

Eye irritation: No data available.

Respiratory: No data available.

Germ cell mutagenicity: No data available.

Carcinogenicity: No data available.

Reproductive toxicity: No data available.

Specific target organ toxicity – single exposure: No data available.

Specific target organ toxicity – repeated exposure: No data available.

Aspiration hazard: No data available.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section XII: Ecological Information

Ecotoxicity: The environmental impact of this product has not been fully investigated.

Persistence and degradability: Not available.

Bioaccumulative potential: Not available.

Mobility in soil: Not available.

Other adverse effects: Not available

Section XIII: Disposal Consideration

Waste disposal of substance:

Incinerate in suitable incineration plant, observing local authority regulations.

Contaminated packing:

Dispose of as unused product.

Section XIV: Transport Information

Land transport (USDOT):

UN Number: 1760 Class: 8 Packing group: III

Proper shipping name: Corrosive liquids, n.o.s. (Phosphorus compounds)

Reportable Quantity (RQ):

Poison Inhalation Hazard: No

Sea transport (IMDG):

UN Number: 1760 Class: 8 Packing group: III

Proper shipping name: Corrosive liquids, n.o.s. (Phosphorus compounds)

Air transport (IATA/ICAO):

UN Number: 1760 Class: 8 Packing group: III

Proper shipping name: Corrosive liquids, n.o.s. (Phosphorus compounds)

Section XV: Regulatory Information

TSCA (United States) This product is NOT on the EPA Toxic Substance Control Act (TSCA) inventory. The product is supplied solely for use in research and development by or under the supervision of a technically qualified individual as defined in 40 CFR § 720 et seq. The health risks have not been fully determined. Any information that is or becomes available will be supplied on the SDS.

Section XVI: Other Information

Version: 01-21_1.0

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